

Converting Colors

`RYB(187, 180, 139)`

Have a look what the booklet for
RYB(187, 180, 139) contains.

RYB(187, 180, 139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(187, 180, 139)

Conversions

Conversions Part 1

Format	Color
Hex	BBA18B
RGB	187, 161, 139
RGB Percent	73%, 63%, 55%
CMY	0.2667, 0.3682, 0.4549
CMYK	0.00, 0.14, 0.26, 0.27
HSL	28°, 26%, 64%
HSV	28°, 26%, 73%
XYZ	37.9182, 37.9579, 29.7542
YIQ	166.2660, 22.5580, -1.3300

Conversions

Conversions Part 2

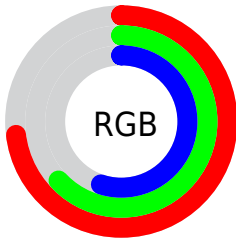
Format	Color
RYB	187, 180, 139
Decimal	12296587
CIELab	67.99, 6.05, 15.02
CIELCh	68, 16.198, 68.053
Yxy	37.9579, 0.3590, 0.3593
Android (android.graphics.Color)	4290486667 (0xFFBBA18B)
YUV	166.2660, -13.4421, 18.1837
Hunter-Lab	61.6100, 2.0414, 14.4932

Details

The RYB color **187, 180, 139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **139, 156, 187**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **244, 235, 193**, and **133, 129, 89** is the 20% darker color. If you saturate the color by 10%, you get **187, 178, 120**, and if you desaturate by 10%, it is **187, 182, 158**.

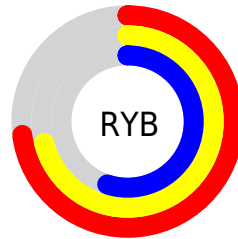
Distribution



Red (73%)

Green (63%)

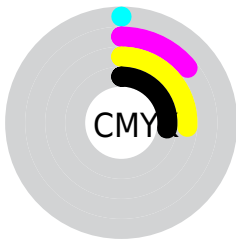
Blue (55%)



Red (73%)

Yellow (71%)

Blue (55%)

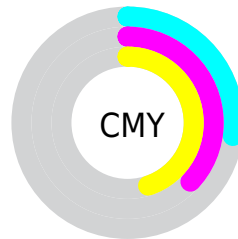


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 180, 139 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 187, 180, 139 by changing the saturation by 10% instead.

 187, 180, 139

255, 255, 255


 244, 235, 193

 236, 255, 220

 249, 255, 249

 187, 180, 139

 160, 154, 113

 133, 129, 89

 107, 103, 65

 83, 79, 43

 59, 57, 22

 31, 37, 0


 0, 0, 0

 187, 180, 139

 187, 178, 120

 187, 180, 139

 187, 182, 158

 187, 174, 102

 187, 185, 176

 187, 172, 83

 187, 190, 195

 187, 170, 64

 187, 196, 214

 187, 168, 45

 187, 203, 232

 187, 165, 27

 187, 210, 251

 187, 163, 8

 187, 214, 255

 187, 159, 0

 187, 217, 255

 187, 220, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195, 159, 148



187, 180, 139



146, 173, 137

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 180, 139



129, 153, 174



173, 161, 189

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



187, 180, 139



139, 156, 187

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



154, 163, 194



187, 180, 139



128, 153, 183

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



187, 180, 139



141, 164, 173



137, 158, 192



188, 157, 177

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187, 180, 139



140, 169, 147



137, 158, 192



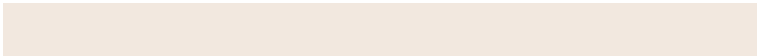
167, 162, 191

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



187, 180, 139



242, 240, 223



187, 139, 165



122, 122, 110



250, 250, 250



122, 122, 122

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 180, 139



242, 233, 167



141, 187, 139



94, 92, 85



158, 136, 0



31, 26, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



139, 156, 187



167, 194, 242



139, 141, 187



85, 88, 94



0, 55, 158



0, 11, 31

Previews

White Background



This preview shows how the RYB color 187, 180, 139 looks on a white background.

Color Contrast Check

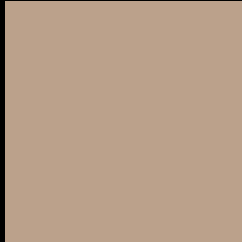
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 187, 180, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

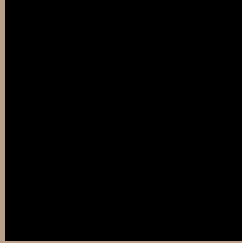
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

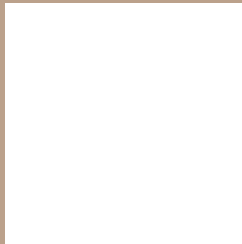
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 187, 180, 139 Background



This preview shows how black text looks on a background with the R Y B color 187, 180, 139.



This preview shows how white text looks on a background with the R Y B color 187, 180, 139.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
187, 180, 139

Protanopia
153, 174, 141

Deuteranopia
191, 172, 139



Tritanopia
191, 157, 169

Trichromacy



Original Color

187, 180, 139

Protanomaly

164, 179, 140

Deuteranomaly

190, 175, 139

Tritanomaly

190, 158, 158

Monochromacy



Original Color

187, 180, 139

Achromatopsia

166, 166, 166

Achromatomaly

174, 170, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 161, 139 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(187, 161, 139) looks like.

```
.text, #text, p{  
    color:rgb(187, 161, 139)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(187, 161, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 161, 139) }
```

Border

The CSS property to change the border of an element to RYB 187, 180, 139 is called "border". The border property can be set on classes, ids or directly on the HTML element.

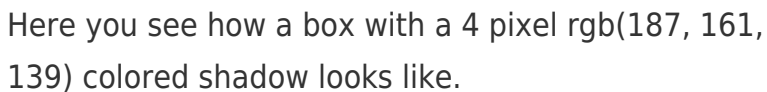
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 161, 139) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(187, 161, 139) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(187, 161, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 161, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 161, 139); box-shadow:4px 4px 4px 4px rgb(187, 161, 139) }
```

Background

The CSS property to change the background color of an element to RYB 187, 180, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 161, 139) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(187,  
161, 139) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor